

Title (en)

DISPLAYING BREAST TOMOSYNTHESIS COMPUTER-AIDED DETECTION RESULTS

Title (de)

ANZEIGE DER COMPUTERGESTÜTZTEN ERGEBNISSE EINER BRUSTTOMOSYNTHESE

Title (fr)

AFFICHAGE DE RÉSULTATS DE DÉTECTION ASSISTÉE PAR ORDINATEUR D'UNE TOMOSYNTHESE DE LA POITRINE

Publication

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Application

EP 08834946 A 20080929

Priority

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- US 90656607 A 20071002

Abstract (en)

[origin: US2009087067A1] Methods, systems, and related computer program products for processing and displaying computer-aided detection (CAD) results in conjunction with breast x-ray tomosynthesis data are described. For one preferred embodiment, as a user pages through a notional stack of tomosynthesis reconstructed slice images (Tr images), including a detection-containing Tr image on which a CAD marker is to be displayed at an identified coordinate location, one or more CAD proximity markers is displayed at that coordinate location on one or more neighboring Tr images. While not themselves indicative of CAD findings on their respective Tr images, the CAD proximity markers encourage user attention toward the coordinate location of the CAD detection marker of the detection-containing Tr image. Preferably, the CAD proximity markers are of noticeably different size from each other and from the CAD detection marker to promote their perception in the peripheral vision of the user during the paging process.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009045943A2

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DOCDB simple family (publication)

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